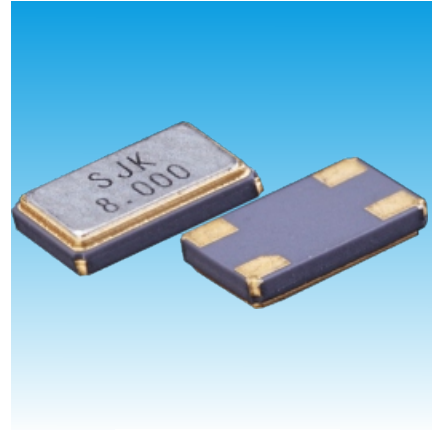


Features

- 6035 size miniature SMD crystal units with a low profile of 1.0mm
- 4 Pads
- Frequency range from 8MHz to 100MHz
- High precision and high reliability
- Automatic mounting and reflow soldering
- Applications: *Telecommunications, DSC, Server, FA, Camera, Test equipments, etc.*
- RoHS Compliant & Pb Free



Standard Specifications

| Type | 6G Series SMD Crystal |
|--|------------------------------|
| Frequency Range | 8~100 MHz |
| Frequency Tolerance (at 25°C) | ±10ppm, ±20ppm |
| Frequency Stability (over Operating Temp.) | ±10ppm, ±20ppm |
| Operating Temperature Range | -40~+85°C, or specify |
| Shunt Capacitance (C ₀) | 5pF Max. |
| Drive Level | 1~200μW (100μW Typ.) |
| Load Capacitance | 10pF, 16pF, 20pF, or specify |
| Aging (at 25°C) | ±3ppm /year Max. |
| Storage Temperature Range | -55~+125°C |
| Packing Unit | 1000pcs./Reel |
| Pads | 4 Pads |

Equivalent Series Resistance

| Fundamental | | 3rd Overtone | |
|-------------|-----------|--------------|----------|
| 8~10 MHz | 150Ω Max. | 40~100 MHz | 70Ω Max. |
| 10~12 MHz | 80Ω Max. | | |
| 12~40 MHz | 50Ω Max. | | |

Dimensions [mm]

